

# LAKE SAMMAMISH STATE PARK



## Preliminary Concept Plan

# Park Planning Framework

- ❑ ALL IMPROVEMENTS WITHIN PREVIOUSLY DISTURBED AREAS
- ❑ ECONOMICALLY AND ENVIRONMENTALLY SUSTAINABLE
- ❑ “URBAN” STATE PARK
- ❑ MINIMIZE BUILDING FOOTPRINTS
- ❑ MINIMIZE STORMWATER/ UPGRADE STORMWATER TREATMENT
- ❑ RIVER DELTA LANDSCAPE
- ❑ NATURAL & CULTURAL CONNECTIVITY
- ❑ CULTURAL RESOURCES OF TOMORROW



# GREEN BUILDING STRATEGIES

## SUSTAINABLE DESIGN

- Minimize environmental impact of building by enhancing efficiency and moderation in the use of materials, energy and space



## GREEN ROOF

- Manufactured system that supports growing medium and vegetation to reduce stormwater run-off, reduce maintenance, filter pollutants, increase wildlife and increase thermal mass



## WATER RECLAMATION

- Wastewater treated for reuse suitable for irrigation or for site water features

# GREEN BUILDING STRATEGIES, CONTINUED

## BIOSWALES

- Landscape elements designed to remove silt and pollution from surface runoff water to avoid contamination of local water sources



## RAMMED EARTH

- Walls constructed of compacted earth, gravel, sand and cement as low-impact alternative to wood construction.
- Maintains thermal mass



## DAYLIGHTING

- Use of natural light to illuminate space
- Results in lower energy costs and emissions, improved life-cycle costs and increased user productivity



# GREEN BUILDING STRATEGIES, CONTINUED

## NATURAL VENTILATION

- Relying on difference in air pressure to move air through space as an alternative to mechanical ventilation
- Reduction of energy and building operational costs



## MINIMIZE BUILDING FOOTPRINT

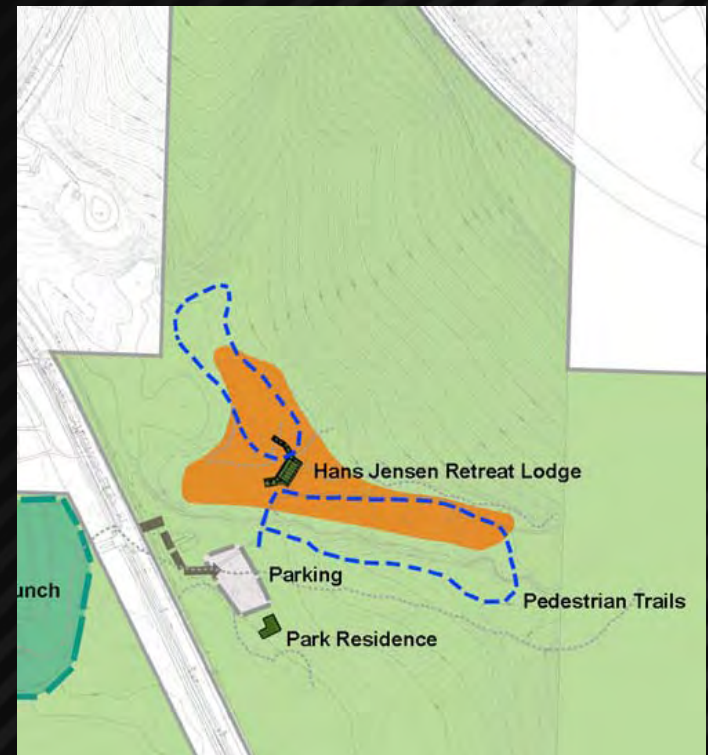
- Decrease land area taken up by building and reduce environmental impact on site

## IMPROVING INDOOR AIR QUALITY

- Avoid products that emit or contain toxic elements, increase natural ventilation, introduce indoor plants and maintain ventilations systems to remove pollutants

# Hans Jensen Retreat

- ❑ RETREAT LODGE
- ❑ TRANQUIL MEADOW SETTING
- ❑ PLAY MEADOW / CREEK RESTORATION
- ❑ PARKING SEPARATE FROM LODGE (70 STALLS)
- ❑ 1 MILE OF SOFT SURFACE TRAILS
- ❑ YOUTH OPPORTUNITIES - MAINTAINED AND ENHANCED
- ❑ PARK RESIDENCE SURVEILLANCE / PRIVACY







## HANS JENSEN RETREAT

PATANO + HAUFERMAN ARCHITECTS



# Boat Launch Area

- ❑ CURRENTLY SCHEDULED 2007 IMPROVEMENTS
- ❑ REMOVE FIXED PIER & REPLACE WITH FLOATING DOCKS
- ❑ IMPROVE PARKING LOT STORMWATER TREATMENT





# Sunset Beach / Lake Sammamish Esplanade

- ❑ SUNSET BEACH RESTORATION-PHASE 1
- ❑ 8' DOCK & FLOATS – DEFINED SWIM AREA
- ❑ 8' DOCK FOR WATERCRAFT-TO-BEACH ACCESS
- ❑ TURF & LANDSCAPE RESTORATION
- ❑ 8' DOCK FOR SWIM AREA
- ❑ CONCESSIONS / RESTROOMS / COVERED PATIO

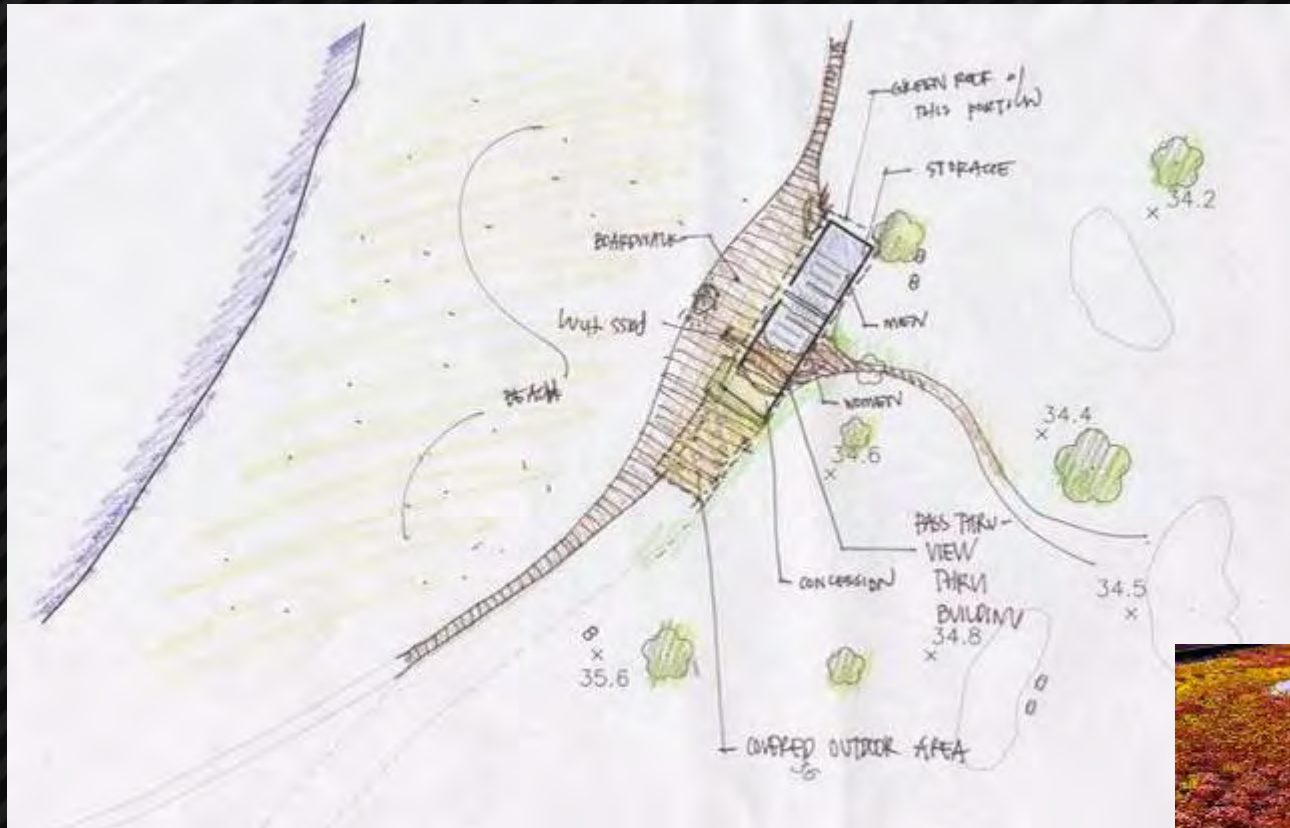


# Sunset Beach / Lake Sammamish Esplanade

- ❑ FISHING DOCK
- ❑ FLEXIBLE PICNIC SPACES FOR GROUPS
- ❑ 12'-16' WIDE ARTISTICALLY INSPIRED ESPLANADE
- ❑ RIVER DELTA THEMED PLAY APPARATUS
- ❑ BOARDWALK TO ISSAQUAH CREEK MOUTH
- ❑ PARKING (1100 STALLS)
- ❑ STORMWATER / RAIN GARDEN



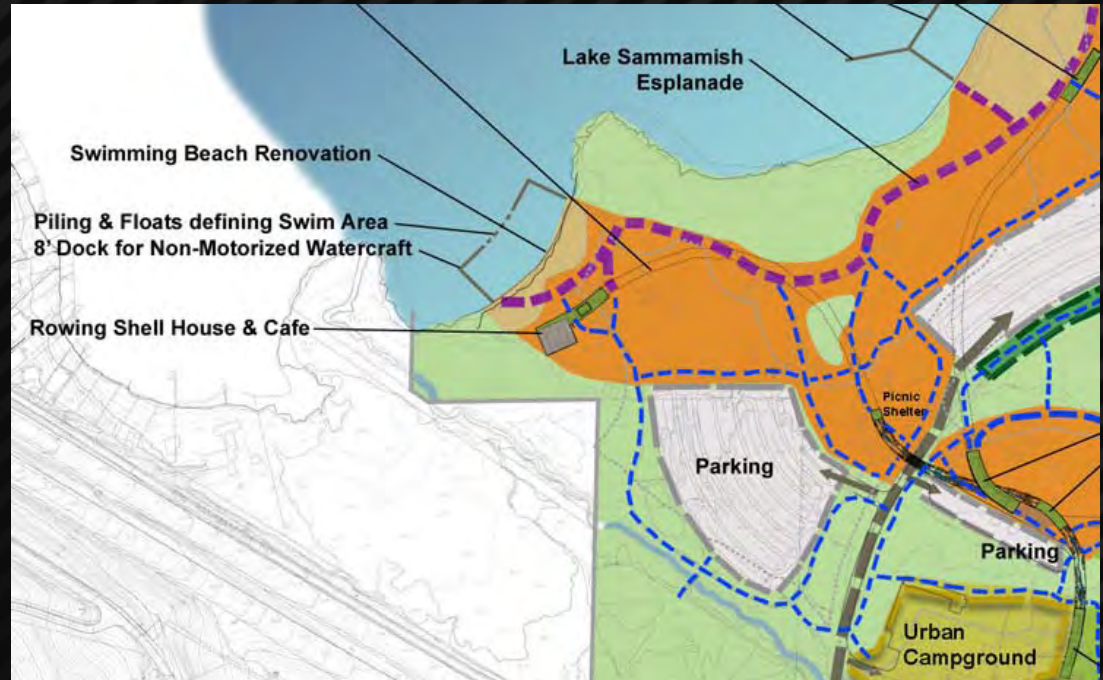




## BATH HOUSE & CONCESSION

# New Beach

- ❑ ROWING SHELL HOUSE & CAFÉ CONCESSION
- ❑ SWIM BEACH RESTORATION
- ❑ 8' DOCK & FLOATS – DEFINED SWIMMING AREA
- ❑ NON-MOTORIZED WATERCRAFT LAUNCH
- ❑ PICNIC AREA & OPEN SPACE
- ❑ WATERCRAFT THEMED PLAY APPARATUS
- ❑ PARKING-500 STALLS
- ❑ STORMWATER / RAIN GARDEN







## ROWING SHELL HOUSE & CAFÉ CONCESSION

PATANO + HAFERMANN ARCHITECTS



# Confluence Center

- ❑ PARTNER SPACE
- ❑ TRAIL CENTER
- ❑ ENVIRONMENTAL EDUCATION SPACE
- ❑ LARGE GROUP PICNIC SHELTER & PICNIC TABLES
- ❑ PLAY MEADOW
- ❑ RIVER DELTA INTERPRETATION







# CONFLUENCE

PATANO + HAUFERMAN ARCHITECTS



# Stewardship Center

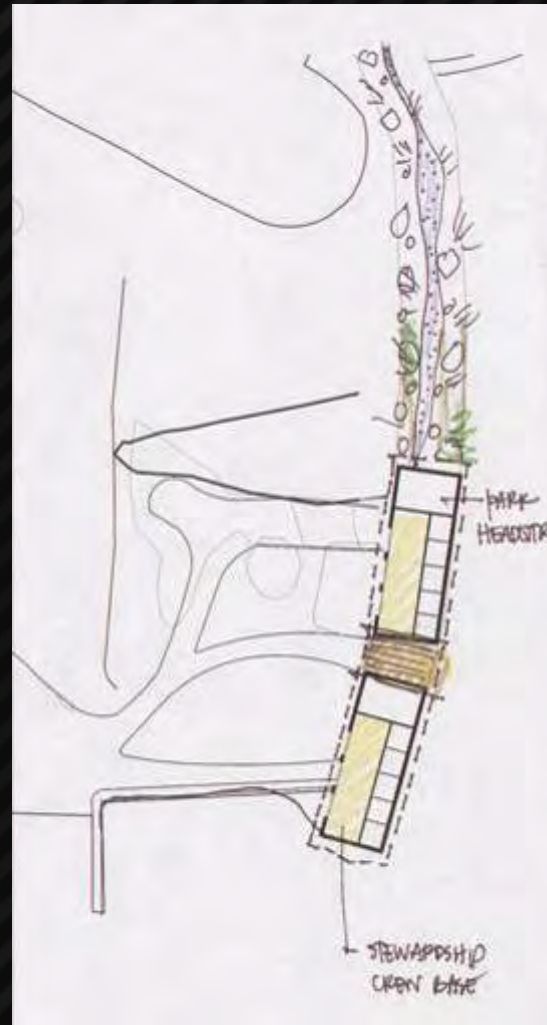
- ❑ PARK ADMINISTRATION OFFICES
- ❑ PARK MAINTENANCE
- ❑ STEWARDSHIP CREW BASE
- ❑ NURSERY
- ❑ MAINTENANCE YARD



## Park Residences

- ❑ TWO RESIDENCES FOR PARK STAFF
- ❑ PRIVATE, BUT ACCESSIBLE TO PARK FACILITIES





# PARKS ADMIN & SEWARDSHIP CENTER

PATANO + HAUFERMAN ARCHITECTS



# Soccer Facilities

- ❑ ISSAQUAH SOCCER CLUB ALLOWED TO MAKE IMPROVEMENTS WITH COMMISSION APPROVAL
- ❑ ALLOW IMPROVEMENTS WITHIN EXISTING AND “PREVIOUSLY APPROVED” SOCCER FOOTPRINT ONLY
- ❑ SOCCER CLUB CONDUCTS SEPARATE PERMITTING PROCESS
- ❑ SOCCER FACILITIES WILL MATCH ARCHITECTURAL FRAMEWORK





# Urban Campground

- ❑ 5.5 ACRES
- ❑ 55 CAMPSITES & 15 YURTS/CABINS
- ❑ STATEWIDE DESTINATION CLOSE TO URBAN CENTER
- ❑ SUSTAINABLE AS CAPITAL APPROPRIATION OR BONDED IMPROVEMENT
- ❑ EXISTING SCREENING
- ❑ ADAPTIVE REUSE—BARNES & RESIDENCES



# Parking

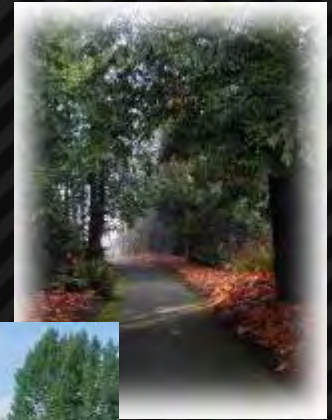
- ❑ EXISTING PARKING=1850+/-, PROPOSED PARKING = 1,750 +/-
- ❑ PARKING BUILDS ON EXISTING IMPROVEMENTS
- ❑ SUFFICIENT PARKING FOR MID-PEAK DEMAND
- ❑ PARKING ALLOCATION MEETS USE AREA DESIGN CAPACITY





# Trails

- ❑ PAVED TRAIL CONNECTIONS TO ALL AREAS
- ❑ SOFT SURFACE PEDESTRIAN TRAILS
- ❑ BOARDWALK PEDESTRIAN TRAILS
- ❑ EASTLAKE SAMMAMISH BIKE TRAILHEAD
- ❑ LOOP TRAILS - NEW BRIDGES / TRAILS
- ❑ CONNECTIONS TO EMPLOYMENT CENTERS



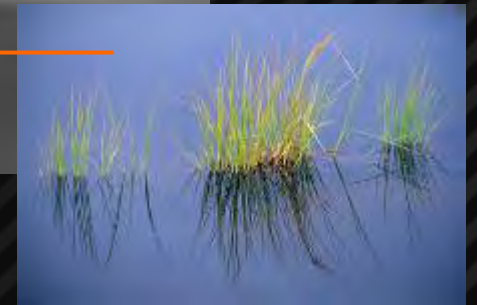
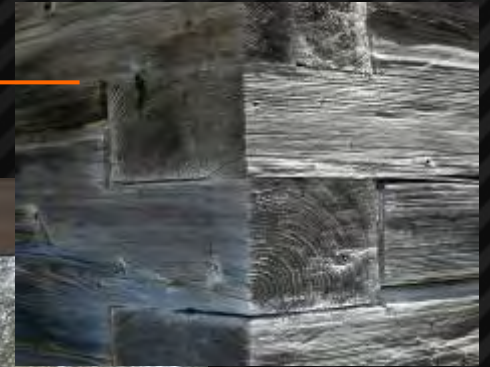
- ❑ 38 SITE SPECIFIC RESTORATION PROJECTS IDENTIFIED
- ❑ 320 ACRES WETLAND RESTORATION
- ❑ HISTORICAL “FARMSCAPE” RESTORATION
- ❑ RESTORATION / MITIGATION: STREAMBANK REVEGETATION, LAKESHORE ENHANCEMENT, BEACH RESTORATION, POND HABITAT, ISSAQUAH CREEK STREAMBANK ENHANCEMENT, WETLAND BUFFERS, OPEN FIELD ENHANCEMENT, UPLAND FOREST ENHANCEMENT, LAUGHING JACOBS CREEK ENHANCEMENT
- ❑ PARTNERS: KING COUNTY, MOUNTAINS TO SOUND GREENWAY TRUST, CITY OF ISSAQUAH, WSDOT, SOUND TRANSIT & PRIVATE DONORS













# Next Steps

- ❑ Park-Wide Concept Plan and Design Framework
- ❑ Environmental Review
- ❑ Commission adoption of Concept Plan (June 2007 depending on environmental review)
- ❑ Design/Permit (2007-09)
- ❑ Development Phases 1 and 2 (2009-13)
- ❑ SEPA